

WHAT IS CLAIMED IS:

1. A record and playback apparatus which codes information and records said information which 5 is coded in a recording medium, wherein:

10 said record and playback apparatus stores, in a predetermined management area provided in said recording medium, management information including at least one of time information ^{at} on a time when said information is coded, index information which can be assigned to a recording unit, and a backward pointer for connecting recording units in a backward direction.

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2. The record and playback apparatus as claimed in claim 1, wherein said predetermined 20 management area is a FAT area, and said management information is provided in said FAT area.

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3. The record and playback apparatus as claimed in claim 1, wherein said predetermined management area storing said management information is an area provided separately from said FAT area.

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4. The record and playback apparatus as 35 claimed in claim 1, wherein said predetermined management area storing said management information is an area provided separately from said FAT area,

and said predetermined management area is provided for each of said time information, said index information and said backward pointer.

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5. The record and playback apparatus as claimed in claim 1, wherein said predetermined
10 management area is a FAT area, and said management information is information which forms a FAT entry tag provided in said FAT area.

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6. The record and playback apparatus as claimed in claim 1, wherein:

said management information includes said
20 time information; and
said record and playback apparatus comprises a control part which causes said record and playback apparatus to perform playback operation from a recording unit corresponding to a time
25 specified from the outside by comparing said time with said time information.

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7. The record and playback apparatus as claimed in claim 1, wherein:

said management information includes said time information; and
35 said record and playback apparatus includes a control part which causes said record and playback apparatus to perform playback operation

including recording units corresponding to a time interval specified from the outside by comparing said time interval with said time information.

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8. The record and playback apparatus as claimed in claim 1, wherein:

10 said management information includes said index information; and
 said record and playback apparatus includes a control part which causes said record and playback apparatus to perform playback operation
15 including a recording unit corresponding to a specified index information specified from the outside by comparing said specified index information with said index information.

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9. The record and playback apparatus as claimed in claim 1, wherein:

25 said management information includes said backward pointer; and
 said record and playback apparatus includes a control part which causes said record and playback apparatus to perform playback operation
30 from a recording unit indicated by a specified backward pointer specified from the outside by comparing said specified backward pointer with said backward pointer.

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10. A record and playback method for
coding information and recording said information
which is coded in a recording medium in a record and
playback apparatus, said record and playback method
5 comprising the step of:

10 performing playback operation according to
management information stored in a predetermined
management area provided in said recording medium,
said management information including at least one
15 of time information on a time when said information
is coded, index information which can be assigned to
a recording unit, and a backward pointer for
connecting recording units in a backward direction.

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20 11. The record and playback method as
claimed in claim 10, wherein said predetermined
management area is a FAT area, and said management
information is provided in said FAT area.

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30 12. The record and playback method as
claimed in claim 10, wherein said predetermined
management area storing said management information
is an area provided separately from said FAT area.

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13. The record and playback method as
claimed in claim 10, wherein said predetermined
management area storing said management information
is an area provided separately from said FAT area,

and said predetermined management area is provided for each of said time information, said index information and said backward pointer.

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14. The record and playback method as
claimed in claim 10, wherein said predetermined
10 management area is a FAT area, and said management
information is information which forms a FAT entry
tag provided in said FAT area.

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15. The record and playback method as
claimed in claim 10, wherein said management
information includes said time information, said
20 record and playback method comprising the step of:
controlling said record and playback
apparatus to perform playback operation from a
recording unit corresponding to a time specified
from the outside by comparing said time with said
25 time information.

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16. The record and playback method as
claimed in claim 10, wherein said management
information includes said time information; said
record and playback method comprising the step of:
controlling said record and playback
35 apparatus to perform to perform playback operation
including recording units corresponding to a time
interval specified from the outside by comparing

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said time interval with said time information.

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17. The record and playback method as claimed in claim 10, wherein said management information includes said index information, said record and playback method comprising the step of:

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controlling said record and playback apparatus to perform playback operation including a recording unit corresponding to a specified index information specified from the outside by comparing said specified index information with said index

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information.

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18. The record and playback method as claimed in claim 10, wherein said management information includes said backward pointer, said record and playback method comprising the step of:

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controlling said record and playback apparatus to perform playback operation from a recording unit indicated by a specified backward pointer specified from the outside by comparing said specified backward pointer with said backward pointer.

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